

OPINION 1758

Vipio* Latreille, 1804 (Insecta, Hymenoptera): *Agathis longicauda* Boheman, 1853 designated as the type species*Ruling**

(1) Under the plenary powers all previous fixations of type species for the nominal genus *Vipio* Latreille, 1804 are hereby set aside and *Agathis longicauda* Boheman, 1853 is designated as the type species.

(2) The name *Vipio* Latreille, 1804 (gender: masculine), type species by designation under the plenary powers in (1) above *Agathis longicauda* Boheman, 1853, is hereby placed on the Official List of Generic Names in Zoology.

(3) The name *longicauda* Boheman, 1853, as published in the binomen *Agathis longicauda* (specific name of the type species of *Vipio* Latreille, 1804) and as defined by the lectotype (specimen labelled (1) Sc. ar. [= Scanis arid]; (2) Bhn [= Boheman]; (3) 487 91 [pink label designating loan number for 1991]; (4) Riksmuseum Stockholm [green]; (5) lectotype label [red]) designated by Wharton (1991), is hereby placed on the Official List of Specific Names in Zoology.

History of Case 2614

An application for the designation of *Agathis longicauda* Boheman, 1853 as the type species of *Vipio* Latreille, 1804 was received from Profs R.A. Wharton (*Texas A & M University, College Station, Texas, U.S.A.*) and the late W.R.M. Mason on 24 June 1987. After correspondence the case was published in BZN 48: 45–49 (March 1991). Notice of the case was sent to appropriate journals.

An opposing comment from Dr C. van Achterberg (*Nationaal Natuurhistorisch Museum, Leiden, The Netherlands*) was published in BZN 48: 248–250 (September 1991). Replies by both authors of the application were published in BZN 48: 331–332 (December 1991). A comment in support from Dr Michael J. Sharkey (*Biosystematics Research Centre, Ottawa, Ontario, Canada*) was published in BZN 48: 250, and further supportive comments from Dr Paul M. Marsh (*Systematic Entomology Laboratory, U.S.D.A., clo National Museum of Natural History, Washington, D.C., U.S.A.*) and Prof Scott R. Shaw & Dr Mian Inayatollah (*College of Agriculture, University of Wyoming, Wyoming, U.S.A.*) were published in BZN 48: 332–333.

It was noted on the voting paper that the case related to the usage of the generic name *Vipio* Latreille, 1804 in two different senses, referring to taxa in the subfamilies BRACONINAE and AGATHIDINAE. Until 1982 the genus was included in the BRACONINAE and the usage was stable.

Among the three nominal species placed in his new genus *Vipio*, Latreille (1804) included *Ichneumon desertor*, attributing authorship of the latter to Fabricius. However, Fabricius (1775) had misidentified *I. desertor* Linnaeus, 1758. Foerster (1862), apparently aware of the misidentification, designated 'desertor F.' as the type species of *Vipio*; at the same time he designated the true *desertor* Linnaeus (under the deliberately but invalidly proposed replacement name *Bracon deflagrator* Spinola, 1808) as the type of his new genus *Cremnops*, which has since had long-standing usage in the AGATHIDINAE.

Van Achterberg (1982 and comment on BZN 48: 248) took *Vipio* to be a senior objective synonym of *Cremnops* in the AGATHIDINAE, since he regarded 'desertor Fabricius' as being nomenclaturally the same as *desertor* Linnaeus. Van Achterberg (1982) used the name *Isomecus* Kriechbaumer, 1895 in place of *Vipio* auctt., following its mention (but not adoption) by Fahringer (1928, ref. 1928a in the application).

Kriechbaumer's (1895) paper, in which the name *Isomecus* was published, is a rare work; Viereck (1914) recorded that he had been unable to find a copy. A search in 1992-1993 eventually located a copy in the University of Münster in Westfalia. The paper appeared in a serial publication which consisted of the annual reports of a college. Both the name *Isomecus* and that of its type species by monotypy, *I. schlettereri* Kriechbaumer, 1895, are available but *Isomecus* remained unused until van Achterberg's adoption in 1982. The specific name of *I. schlettereri* was treated as valid for a species in *Vipio* by Fahringer (1928). Fahringer's redescription of *schlettereri* is quite clearly that of a species of *Vipio* (in the sense of Latreille's original description) but its status among other European species is at present unresolved.

After 1982 the stability of usage of both *Vipio* and *Cremnops* was disturbed. Three generic names, including *Vipio*, were in use for the same group of braconine species (see van Achterberg's comment on BZN 48: 249; Wharton, in litt., June 1993), whilst both *Cremnops* and *Vipio* were employed for the agathidine group of species (para. 8 of the application and van Achterberg's comment).

The identity of *desertor* sensu Fabricius (1775) cannot be determined from Fabricius's composite syntype collection; the two other nominal species originally included in *Vipio* are the types of distinct genera. *I. nominator* Fabricius, 1793, the nominal species which has been treated as the type of *Vipio*, was not an originally included species and its name is a junior homonym; the application therefore proposed that *Agathis longicauda* Boheman, 1853, the next available synonym, be designated the type species of *Vipio*. This species belongs to *Vipio* in the braconine sense of Latreille (1804) and is defined by the lectotype designated by Wharton (1991).

Decision of the Commission

On 1 September 1993 the members of the Commission were invited to vote on the proposals published in BZN 48: 48. At the close of the voting period on 1 December 1993 the votes were as follows:

Affirmative votes — 24: Bayer, Bock, Cocks, Cogger, Corliss, Dupuis, Hahn, Halvorsen, Heppell, Kabata, Kraus, Macpherson, Mahnert, Martins de Souza, Minelli, Nielsen, Nye, Savage, Schuster, Starobogatov, Štys, Thompson, Trjapitzin, Willink

Negative votes — 2: Bouchet and Holthuis.

Lehtinen abstained.

No vote was received from Uéno.

Ride was on leave of absence.

Lehtinen commented that it was clear that *Vipio* must be treated as a braconine genus but the identity of some of the nominal species involved appeared to be uncertain.

Original references

The following are the original references to the names placed on Official Lists by the ruling given in the present Opinion:

longicauda, *Agathis*, Boheman, 1853, *Kongliga Vetenskaps-Akademiens Handlingar*, 1851: 178.
Vipio Latreille, 1804, in: *Nouveau dictionnaire d'histoire naturelle ...*, Ed. 1, vol. 24, p. 173.

The following is the reference for the designation of the lectotype of *Agathis longicauda* Boheman, 1853:

Wharton, R.A. 1991. BZN 48: 332.